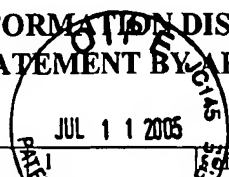
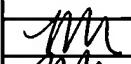


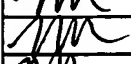

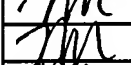
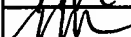

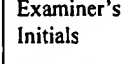


FORM PTO-1449/A and B (Modified)		APPLICATION NO.: 10/789,536	ATTY. DOCKET NO.: C1039.70083US05
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> 		FILING DATE: February 26, 2004	CONFIRMATION NO.: 9640
		APPLICANT: Arthur M. Krieg et al.	
		GROUP ART UNIT: 1645	EXAMINER: Nita M. Minniefeld
Sheet 1	2		



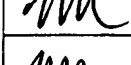
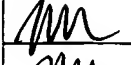

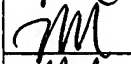

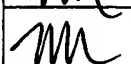
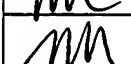
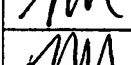
#### U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		

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	B1	EPO	0 178 267 A2			04-16-1986	
	B2	JP	62-148428			07-02-1987	
	B3	PCT	US91/05815			08-14-1991	
	B4	PCT	US91/01327			09-05-1991	
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	B8	PCT	WO95/26204			10-1995	
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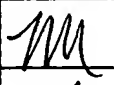

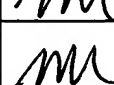
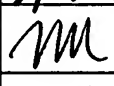

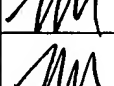
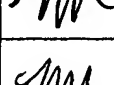
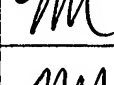
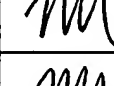
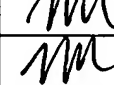
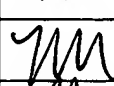

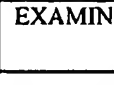
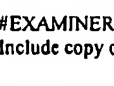
#### OTHER ART -- NON PATENT LITERATURE DOCUMENTS


Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
	C1	Anfossi et al. (P.N.A.S., 86, 9, 3379-83, 89, HCAPLUS, AN 1989:475562)	
	C2	Azad, Raana F. et al., "Antiviral Activity of a Phosphorothioate Oligonucleotide Complementary to RNA of the Human Cytomegalovirus Major Immediate-Early Region," <i>Antimicrobial Agents and Chemotherapy</i> , (1993) 37: 1945-1954.	
	C3	Azuma, I., "Biochemical and Immunological Studies on Cellular Components of Tubercle Bacilli," <i>Kekkaku</i> (1992) 67(9):45-55.	
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	C9	Kimura Y, et al., "Binding of Oligoguanilate to Scavenger Receptors Is Required for Oligonucleotides to Augment NK Cell Activity and Induce IFN," <i>J. Biochem</i> (1994) 116(5):991-994	
	C10	Kuramoto et al., "Oligonucleotide Sequences Required for Natural Killer Cell Activation," <i>Jpn. J. Cancer Res.</i> , (1992) 83:1128-1131.	

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				GROUP ART UNIT: 1645		EXAMINER: Nita M. Minnifield	
Sheet	2	of	2				

**OTHER ART — NON PATENT LITERATURE DOCUMENTS**

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	C11	Messina et al., "The Influence of DNA Structure on the <i>in vitro</i> Stimulation of Murine Lymphocytes by Natural and Synthetic Polynucleotide Antigens," <i>Cellular Immunology</i> (1993) 147:148-157.	
	C12	Messina et al., "Stimulation of <i>in vitro</i> Murine Lymphocyte Proliferation by Bacterial DNA," <i>The Journal of Immunology</i> (1991) 147(6):1759-1764.	
	C13	Mottram, et al., "A Novel CDC2-Related Protein Kinase From Leishmania Mexicana.LmmCRK1. Is Post-Translationally Regulated During the Life Cycle", <i>J. Biol. Chem.</i> , 268(28):21044-21052 (1993)	
	C14	Ren jun et al. (Zhonghua Zhong Zazhi, 1994, 16, 4, 247-50, HCAPLUS, AN 1995: 198874)	
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	C17	Stull et al., "Antigene, Ribozyme and Aptamer Nucleic Acid Drugs: Progress and Prospects," <i>Pharmaceutical Research</i> , (1995) 12(4):465-483.	
	C18	Tanaka T. et al., "An Antisense Oligonucleotide Complementary to a Sequence in IG2b Germline Transcripts, Stimulates B Cell DNA Synthesis, and Inhibits Immunoglobulin Secretion, <i>J. Exp. Med.</i> , (1992) 175:597-607.	
	C19	Tokunaga T. et al., "Synthetic Oligonucleotides with Particular Base Sequences from the cDNA Encoding Proteins of <i>Mycobacterium bovis</i> BCG Induce Interferons and Activate Natural Killer Cells," <i>Microbiol. Immunol.</i> (1992) 36(1):55-66.	
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	C21	Wallace et al., "Oligonucleotide Probes for the Screening of Recombinant DNA Libraries," <i>Methods in Enzymology</i> , (1987) 152:432-442.	
	C22	Whalen R., "DNA Vaccines for Emerging Infectious Disease: What If?," <i>Emerging Infectious Disease</i> , (1996) 2(3):168-175.	
	C23	Wu G.Y. et al., "Receptor-mediated Gene Delivery and Expression <i>in vivo</i> ," <i>J. Biological Chemistry</i> , (1988) 263:14621-14624.	
	C24	Yamamoto S. et al., "DNA from Bacteria, but not from Vertebrates, Induces Interferons, Activates Natural Killer Cells and Inhibits Tumor Growth," <i>Microbiol. Immunol.</i> (1992) 36(9):983-997.	

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#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\* copies of these patents and patent applications are not enclosed pursuant to the waiver by the USPTO of the requirement under 37 C.F.R. 1.98 (a)(2)(i) for patent applications filed after June 30, 2003.